

DECLARATION

As a below and named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: High Throughput Mechanical Property Testing of Materials Libraries Using a Piezoelectric the specification of which was filed on August 24, 2001 as Application No. 09/938,994.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
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		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned


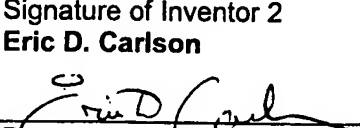
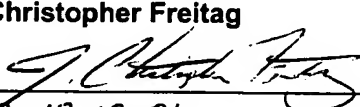
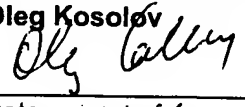
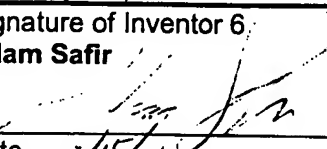


Power of Attorney: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Eric M. Dobrusin (Reg. No. 33,867)
 Scott A. Chapple (Reg. No. 46,287)
 Jenny Lee (Reg. No. 46,865)
 Theresa Orr (Reg. No. 34,890)
 Ronald A. Krasnow (Reg. No. 33,321)
 Paul A. Stone (Reg. No. 38,628)

Full Name of Inventor 1	Last Name Hajduk	First Name Damian	Middle Name or Initial A.	
Residence & Citizenship	City San Jose	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 1146 Brace Ave.	City San Jose	State/Country CA	Zip Code 95125
Full Name of Inventor 2	Last Name Carlson	First Name Eric	Middle Name or Initial D.	
Residence & Citizenship	City Cupertino	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 10226 Alpine Dr., #3	City Cupertino	State/Country CA	Zip Code 95014
Full Name of Inventor 3	Last Name Freitag	First Name J.	Middle Name or Initial Christopher	
Residence & Citizenship	City Santa Clara	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 1110 Lincoln Street	City Santa Clara	State/Country CA	Zip Code 95050
Full Name of Inventor 4	Last Name Kolosov	First Name Oleg	Middle Name or Initial	
Residence & Citizenship	City San Jose	State/Foreign Country CA	Country of Citizenship Russia	
Post Office Address	Post Office Address 1045 Arlington Lane	City San Jose	State/Country CA	Zip Code 95129
Full Name of Inventor 5	Last Name Engstrom	First Name James	Middle Name or Initial R.	
Residence & Citizenship	City Ithaca	State/Foreign Country NY	Country of Citizenship US	
Post Office Address	Post Office Address 138 Campbell Avenue	City Ithaca	State/Country NY	Zip Code 14850
Full Name of Inventor 6	Last Name Safir	First Name Adam	Middle Name or Initial	

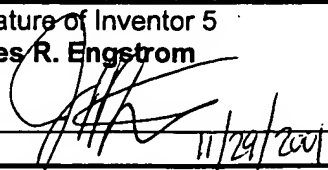
Residence & Citizenship	City Berkeley	Stat /Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 1609 Virginia Street	City Berkeley	State/Country CA	Zip Code 94703
Full Name of Inventor 7	Last Name Srinivasan	First Name Ravi	Middle Name or Initial	
Residence & Citizenship	City Mountain View	State/Foreign Country CA	Country of Citizenship India	
Post Office Address	Post Office Address 1934 Silverwood Avenue	City Mountain View	State/Country CA	Zip Code
Full Name of Inventor 8	Last Name Matsiev	First Name Leonid	Middle Name or Initial	
Residence & Citizenship	City San Jose	State/Foreign Country CA	Country of Citizenship Russia	
Post Office Address	Post Office Address 6514 Bibel Avenue	City San Jose	State/Country CA	Zip Code 95129

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 Damian Hajduk 	Signature of Inventor 2 Eric D. Carlson 
Date 15 NOVEMBER 2001	Date 11-15-01
Signature of Inventor 3 J. Christopher Freitag 	Signature of Inventor 4 Oleg Kosolov 
Date 12-10-01	Date 11/19/01
Signature of Inventor 5 James R. Engstrom	Signature of Inventor 6 Adam Safir 
Date	Date 11/15/01
Signature of Inventor 7 Ravi Srinivasan 	Signature of Inventor 8 Leonid Matsiev 
Date 12/12/01	Date 11.26.01

Residence & Citizenship	City Berkeley	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 1609 Virginia Street	City Berkeley	State/Country CA	Zip Code 94703
Full Name of Inventor 7	Last Name Srinivasan	First Name Ravi	Middle Name or Initial	
Residence & Citizenship	City Mountain View	State/Foreign Country CA	Country of Citizenship India	
Post Office Address	Post Office Address 1934 Silverwood Avenue	City Mountain View	State/Country CA	Zip Code
Full Name of Inventor 8	Last Name Matsiev	First Name Leonid	Middle Name or Initial	
Residence & Citizenship	City San Jose	State/Foreign Country CA	Country of Citizenship Russia	
Post Office Address	Post Office Address 6514 Bibel Avenue	City San Jose	State/Country CA	Zip Code 95129

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Signature of Inventor 1 Damian Hajduk	Signature of Inventor 2 Eric D. Carlson
Date	Date
Signature of Inventor 3 J. Christopher Freitag	Signature of Inventor 4 Oleg Kosolov
Date	Date
Signature of Inventor 5 James R. Engstrom 	Signature of Inventor 6 Adam Safir
Date 11/29/2001	Date
Signature of Inventor 7 Ravi Srinivasan	Signature of Inventor 8 Leonid Matsiev
Date	Date

December 13, 2001

VIA EXPRESS MAIL

Commissioner for Patents
Washington, D.C. 20231

Express Mail No. EV054614846US
Date of Deposit: December 13, 2001

Re: Recordation Of Assignment

Dear Sir:


Please record the attached original assignment document.

1. Names of conveying parties: Damian A. Hajduk, Eric D. Carlson, J. Christopher Freitag, Oleg Kolosov, James R. Engstrom, Adam Safir, Ravi Srinivasan and Leonid Matsiev
2. Name and Address of Receiving Party: Symyx Technologies, Inc.
3100 Central Expressway
Santa Clara, CA 95051
3. Nature of Conveyance: Assignment executed on November 15, 2001, November 19, 2001, November 26, 2001, November 29, 2001, December 10, 2001 and December 12, 2001.
4. This document is being filed for U.S. Application Serial No. 09/938,994, filed August 24, 2001.
5. Correspondence address: Eric M. Dobrusin, Esq.
DOBRUSIN & THENNISCH PC
401 South Old Woodward Avenue
Suite 311
Birmingham, MI 48009
6. Total number of applications involved = 1
7. Total fee: \$40. Please charge deposit account 50-0496 for this fee. A duplicate copy of this cover letter is enclosed.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

The total number of pages, including cover letter and assignment is eight.

Respectfully Submitted


Scott A. Chapple
Registration No. 46,287

Enclosure

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Damian A. Hajduk of San Jose, California, Eric D. Carlson of Cupertino, California, J. Christopher Freitag of Santa Clara, California, Oleg Kolosov of San Jose, California, James R. Engstrom of Ithaca, New York, Adam Safir of Berkeley, California, Ravi Srinivasan of Mountain View, California and Leonid Matsiev of San Jose, California hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention: HIGH THROUGHPUT MECHANICAL PROPERTY TESTING OF MATERIALS LIBRARIES USING A PIEZOELECTRIC

Filing Date: August 24, 2001 Application No.: 09/938,994; and

WHEREAS, **Symyx Technologies, Inc.**, is a corporation organized under the laws of the State of Delaware, located at 3100 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 15 NOVEMBER 2001


Damian A. Hajduk

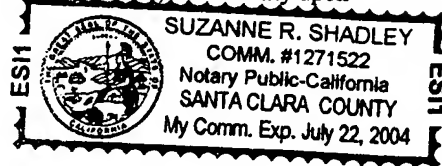
STATE OF California

COUNTY OF Santa Clara

On 11-15-01, before me, Suzanne R. Shadley, Notary Public, personally appeared Damian A. Hajduk, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature  (Seal)



Date: 11.26.01


Leonid Matsiev

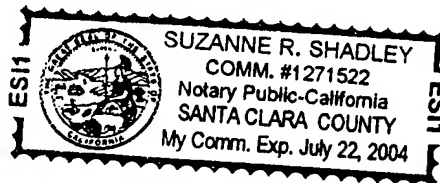
STATE OF California

COUNTY OF Santa Clara

On 11-26-01, before me, Suzanne R. Shadley, Notary Public, personally appeared Leonid Matsiev, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature  (Seal)



Date: 11.15.01

Eric D. Carlson
Eric D. Carlson

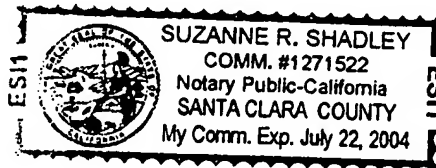
STATE OF California

COUNTY OF Santa Clara

On 11-15-01, before me, Suzanne R. Shadley, Notary Public, personally appeared Eric D. Carlson, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)



Date: 12-10-01

J. Christopher Freitag
J. Christopher Freitag

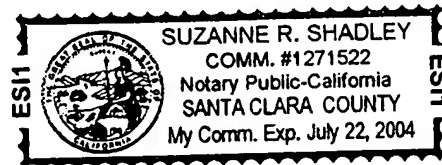
STATE OF California

COUNTY OF Santa Clara

On Dec. 10, 2001, before me, Suzanne R. Shadley, Notary Public, personally appeared J. Christopher Freitag, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)



Date: 11/19/01

Oleg Kolbov
Oleg Kolbov

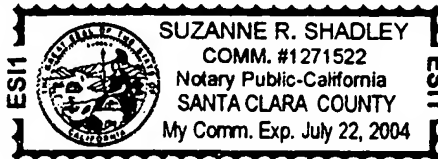
STATE OF California

COUNTY OF Santa Clara

On 11/19/01, before me, Suzanne R. Shadley, Notary Public, personally appeared Oleg Kolosov, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)



Date: 11/15/01

Adam Safir
Adam Safir

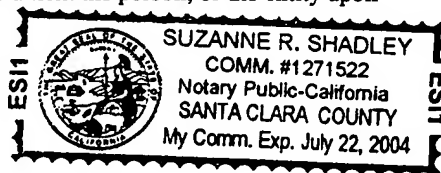
STATE OF California

COUNTY OF Santa Clara

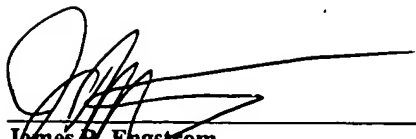
On 11-15-01, before me, Suzanne R. Shadley, Notary Public, personally appeared Adam Safir, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)



Date: 11/29/2001


James R. Engstrom

STATE OF _____

COUNTY OF _____

On November 29, 2001, before me, Michael Collins, Notary Public, personally appeared James R. Engstrom, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Michael A. Collins (Seal)

MICHAEL A. COLLINS
Notary Public; State of New York
No. 01CO6039554
Qualified in Tompkins County
Commission Expires April 3, 2002

Date: 12/12/01

Ravi Srinivasan
Ravi Srinivasan

STATE OF California

COUNTY OF Santa Clara

On Dec. 12, 2001, before me, Suzanne R. Shadley, Notary Public, personally appeared Ravi Srinivasan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)

